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German Democratic Republic

FDD Abstract of [REDACTED]

RESEARCH INSTITUTES AND RESEARCH PROJECTS IN SACHSEN-ANHALT (9 pp; German; [REDACTED])

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This document consists of a 9-page typewritten report on research institutions and research projects in Sachsen-Anhalt. /Page 10, the last page, is missing./

The first page contains a list of the main divisions in which research projects are carried on, i.e., Agriculture, Chemistry and Pharmaceuticals, Medicine, Heavy Industry, Light Industry, Building Industry, and each division, in turn, is broken down by individual plants or persons doing specific research.

The second page describes the consolidation of the three research plans which were in effect in 1951 into a single Plan for Research and Technology for 1952. This Plan is divided into four categories: Research, Constructional Development, Methods, Mechanization and Automatic Control.

The next 6 pages list the various organizations engaged in research and their projects. They are:

- 1) German Vacuum Company (Devag), Sangershausen: Construction of a high-vacuum smelting furnace for high-speed, non-sparking metals /sic/, particularly copper-beryllium, which must be smelted under exclusion of air for the manufacture of tools to be used in areas exposed to the danger of explosions.
- 2) Engineer Dr (fnu) Brandt, Dessau: Constructional development of a design for a two-stroke engine without loss by circulation.
- 3) Engineer Dr (fnu) Goerner, Halle/Saale: Development of construction materials, such as perforated bricks, girders, beams, etc., made of cinder blocks and anhydrous binders (Anhydritbinder).
- 4) Delitzsch Water Association, Delitzsch: Soil irrigation and drainage.
- 5) Wernigerode Tool and Gauge Construction Plant: Development and construction of an adjustable ridgeless chain drive.
- 6) Oster Plant in Koethen and Bernburg Agricultural Machine Factory, Siedersleben: Both factories have research orders for the construction of agricultural machines.
- 7) Mitteldeutsche Heimstaetten AG (Central German Homestead Corporation): Production of gutter and drainage pipes from pressed glass.
- 8) Farmers' Mutual Aid Association, Halle/Saale: Enriching of the vitamin content of milk by the addition of Formula D 2, to combat rachitis in children.
- 9) Bad Lauchstaedt Agricultural Research Institute: Research in improvement of all phases of agriculture, especially according to the Mitshurin and Iyssenko methods.
- 10) Central Biological Institute, Aschersleben: Research in the field of pest control, particularly for combating potato beetles.
- 11) Breeding Institute for Small Animals, Merbitz (near Naumburg): Breeding of a white hornless pure-bred goat and development of new breeds of chickens with increased egg-laying capacities.
- 12) Dr Hagemann Research Institute for Small Animals, Schlettau (near Loebejue): Research into the phenomenon of sows eating their young.
- 13) Land Sachsen-Anhalt Experimental Trout Hatchery, Goerzke (near Burg): Research on staggers in trouts.
- 14) SAG (Soviet Corporation) Krupp-Gruson, Magdeburg-Buckau: Construction of an installation for the smelting of ore which is low in iron content, in accordance with the so-called Renn Method.
- 15) Union Chemical Factory, Halle/Saale: Extraction of bee venom for the manufacture of a remedy against rheumatic diseases.
- 16) Women's Clinic of Stassfurt Hospital: Research on the timely recognition, by means of high-frequency waves, of heart reaction currents /Herzreaktionsstroeme/ in pregnant women.
- 17) Research and Training Institute for Welding Technique, Halle/Saale: Manufacture of sheathed welding electrodes.
- 18) VVE (people-owned enterprise) Pharma, Halle/Saale: Manufacture of various pharmaceutical preparations.

A list of various urgently needed materials and parts which have to be imported from the West is also given, and bottlenecks existing in the foregoing research enterprises are discussed.

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